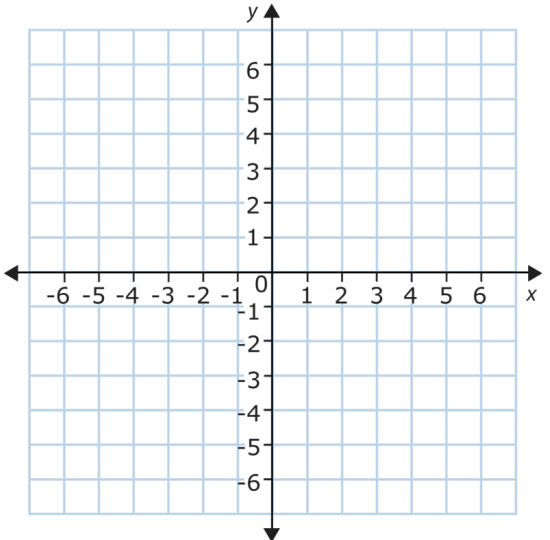


Vocabulary	Quadratic Function	Exponential Function
Function Rule	$f(x) = ax^2 + bx + c$	$f(x) = a^x$
	Key Feature:	Key Feature:

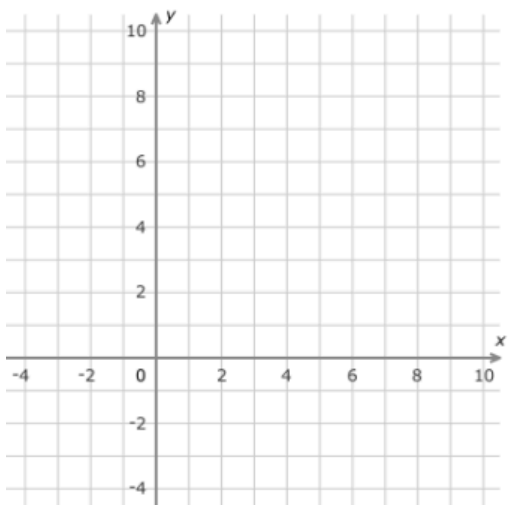
Table	x	$-x^2 - 2x + 3$	$f(x)$	(x, y)
	-3			
	-2			
	-1			
	0			
	1			
	What do you notice?			

Table	x	3^x	$f(x)$	(x, y)
	-2			
	-1			
	0			
	1			
	2			
	What do you notice?			

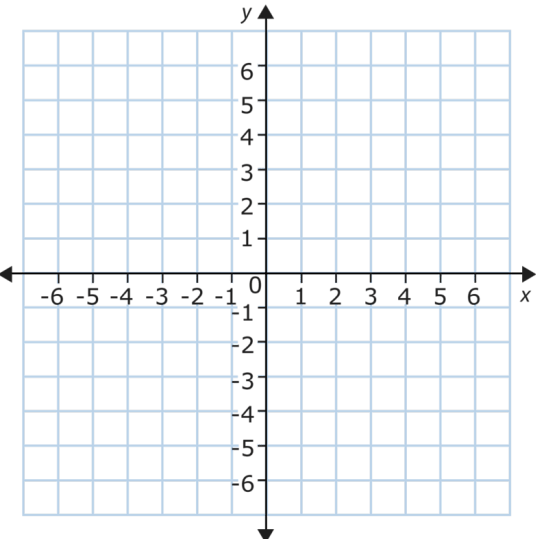
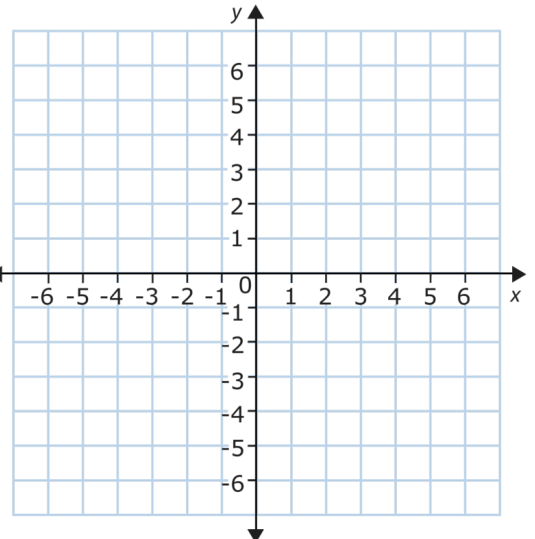
Graph



What do you notice?



What do you notice?

Vocabulary	Absolute Value Function				Linear Function																																																			
Function Rule	$f(x) = x $				$f(x) = mx + b$																																																			
Table	<p>Key Feature:</p> <table border="1" data-bbox="289 378 1062 708"> <thead> <tr> <th>x</th> <th>$x - 1$</th> <th>$f(x)$</th> <th>(x, y)</th> </tr> </thead> <tbody> <tr><td>-1</td><td></td><td></td><td></td></tr> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> </tbody> </table> <p>What do you notice?</p>				x	$ x - 1 $	$f(x)$	(x, y)	-1				0				1				2				3				<p>Key Feature:</p> <table border="1" data-bbox="1159 378 1944 708"> <thead> <tr> <th>x</th> <th>$2x - 4$</th> <th>$f(x)$</th> <th>(x, y)</th> </tr> </thead> <tbody> <tr><td>-1</td><td></td><td></td><td></td></tr> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> </tbody> </table> <p>What do you notice?</p>				x	$2x - 4$	$f(x)$	(x, y)	-1				0				1				2				3			
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